

**SJA**

187 Century Park East, Suite # 1050  
Los Angeles, CA, 90067

**RECEIVED  
CENTRAL FAX CENTER**

**DEC 10 2004**

---

**confidential**  
**fax**

**To:** Examiner Annette Thompson  
**Fax Number:** +1 (703) 8729306

**From:** Sara Chang  
**Fax Number:** (310) 785-9558  
**Business Phone:** (310) 785-0140  
**Home Phone:**

**Pages:** 9  
**Date/Time:** 12/10/2004 2:31:23 PM  
**Subject:** Unsigned references on 1449 for 10061459

---

To Examiner Annette Thompson,

Thank you very much for your response to the fax I sent yesterday. I received your message that this may be a duplicate of something you've already signed and sent to us. However, there are no records showing signed IDS's of the ones I faxed to you on Thursday. If possible, please review it, sign it, and return to us.

Thank you again,

Sara Chang  
Legal Assitant  
310-785-0140 ext. 306

**BEST AVAILABLE COPY**

RECEIVED  
CENTRAL FAX CENTER  
DEC 10 2004

## FAX TRANSMISSION

**DATE:** December 8, 2004  
**TO:** Examiner Annette Thompson  
**COMPANY:** USPTO  
**FROM:** Sara Chang  
**PAGES:** 8 (including this page)

Examiner Annette Thompson:

For the application S/N 10/061,459, we received a Notice of Allowance mailed on 11/19/2004. Thank you for this Notice of Allowance. However, we noticed that your initials are not next to the references on the 1449 Form of 3 IDS submitted on 10/20/2003, 12/1/2003, and 4/6/2004. We are including the 1449 Forms along with the return receipt postcard for your review in this fax. If possible, please initial the 1449 forms to indicate that you have considered them. If you have any questions, please give me a call.

Regards,

Sara Chang

Stattler, Johansen & Adeli LLP  
1875 Century Park East  
Suite 1050 10<sup>th</sup> floor  
Century City, CA 90067-2501

Phone No. (310) 785-0140 Ext.300  
Fax No. (310) 785-9558

Based on PTO/SB/08 a &amp; b (05-03)

Approved for use through 05/31/2003. OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Please type a plus sign (+) inside this box



Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/061,459
		Filing Date	1/31/02
		First Named Inventor	Steven Teig, et al.
		Group Art Unit	2825
		Examiner Name	Thompson, Annette
Sheet 1 of 2	Attorney Docket Number	SPLX.P0091	

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2002/0157 063	A1	10-24-2002	Besson	
	2.	2002/0178 432	A1	11-28-2002	Kim et al.	
	3.	2003/0145 288	A1	07-31-2003	Wang et al.	
	4.	4,703,435		10-27-1987	Darringer et al.	
	5.	5,003,487		03-26-1991	Drumm et al.	
	6.	5,537,330		07-16-1996	Damiano et al.	
	7.	5,892,678		04-06-1999	Tokunoh et al.	
	8.	5,903,466		05-11-1999	Beausang et al.	
	9.	5,991,524		11-23-1999	Belkhale et al.	
	10.	6,035,107		03-07-2000	Kuehlman et al.	
	11.	6,080,204		06-27-2000	Mendel	
	12.	6,216,252	B1	04-10-2001	Dangelo et al.	
	13.	6,311,317	B1	10-30-2001	Khoche et al.	
	14.	6,389,586	B1	05-14-2002	McElvain	
	15.	6,397,170	B1	05-28-2002	Dean et al.	
	16.	6,421,818	B1	07-16-2002	Dupenloup et al.	
	17.	6,446,240	B1	09-03-2002	Iyer et al.	
	18.	6,453,447	B1	09-17-2002	Gardner et al.	
	19.	6,470,478	B1	10-22-2002	Bargh et al.	
	20.	6,470,486	B1	10-22-2002	Knapp	

Examiner Signature	Date Considered
-----------------------	--------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Based on PTO/SB/08 a &amp; b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Please type a plus sign (+) inside this box ☐

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/061,459
				Filing Date	1/31/02
				First Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	Thompson, Annette
Sheet	2	of	2	Attorney Docket Number	SPLX.P0091

U.S. PATENT DOCUMENTS					
	21.	6,519,609	B1	02-11-2003	Touzet
	22.	6,519,754	B1	02-11-2003	McElvain et al.
	23.	6,539,536	B1	03-25-2003	Singh et al.
	24.	6,543,037	B1	04-01-2003	Limqueco et al.
	25.	6,546,541	B1	04-08-2003	Petranovic et al.
	26.	6,618,835	B1	09-09-2003	Garlapati et al.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	27.	NN78055443, "Automatic Remap", IBM Technical Disclosure Bulletin, Vol. 20, No. 12, May 1978, pp. 5443-5445 (5 pages).			
	28.	NN9411291, "Design of Portable Library using Parameterized Cells", IBM Technical Disclosure Bulletin, Vol. 37, No. 11, pp. 291-292 (4 pages).			
	29.	Markovic et al., "FPGA to ASIC Conversion: Design Methodology with the Support for Fast Retargeting to Different CMOS Implementation Technologies", Proceedings of 2002 22 <sup>nd</sup> International Conference on Microelectronics, Vol. 2, 14 May 2000, pp. 703-706.			
	30.	Ruiz et al., "Design and Prototyping of DSP Custom Circuits Based on a Library of Arithmetic Components", Vol. 1, 9 November 1997, pp. 191-196.			
	31.	Tamiya, Y., "Delay Estimation for Technology Independent Synthesis", 1997 Proceedings of the ASP-DAC '97: Asia and South Pacific Design Automation Conference, 28 January 1997, pp. 31-36.			
	32.	Yi, J. H. et al., Technology Mapping for Storage Elements Based on BDD matching, Proceedings of the 40 <sup>th</sup> Midwest Symposium on Circuits and Systems, pp. 1099-1102, vol.2, August 1997.			

Examiner Signature	Date Considered
--------------------	-----------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 15 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Based on PTO/SB/08 a &amp; b (05-03)

Approved for use through 05/31/2003 OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Please type a plus sign (+) inside this box → ☐

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	10/061,459	
			Filing Date	1/31/02	
			First Named Inventor	Steven Teig, et al.	
			Group Art Unit	2825	
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	SPLX.P0091

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No.	U.S. Patent Document Number	Kind Code* (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,519,630		05-21-1996	Nishiyama et al.	
	2.	5,537,341		07-16-1996	Rose et al.	
	3.	5,696,974		12-09-1997	Agrawal et al.	
	4.	5,574,441		05-19-1998	Tokunoh et al.	
	5.	5,787,010		07-28-1998	Schaefer et al.	
	6.	6,023,566		02-08-2000	Belkhale et al.	
	7.	6,301,696	B1	11-09-2001	Lien et al.	

NON PATENT LITERATURE DOCUMENTS				
Examiner* Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.		
	8.	Crastes, M. et al., A Technology Mapping Method Based on Perfect and Semi-Perfect Matchings, Design Automation Conference, 1991, 28 <sup>th</sup> ACM/IEEE, June 17-21, 1991, pp. 93-98.		
	9.	Devadas, S. et al., Synthesis and Optimization for robustly delay-fault testable combinational logic circuits, Design Automation Conference, 1990, 27 <sup>th</sup> ACM/IEEE, June 24-28, 1990, pp. 221-227.		

Examiner Signature	Date Considered
-----------------------	--------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Based on PTO/SB/08 a &amp; b (06-03)

Approved for use through 05/31/2003, OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Please type a plus sign (+) inside this box → ☐

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/061,459
				Filing Date	1/31/02
				First-Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	SPLX.P0091

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,311,442		05-10-1994	Fukushima	
	2.	5,526,276		08-11-1996	Cox et al.	
	3.	5,752,000		05-12-1998	McGeer et al.	
	4.	6,086,626		07-11-2000	Jain et al.	
	5.	6,102,964		08-15-2000	Tse et al.	
	6.	6,134,705		10-17-2000	Pedersen et al.	
	7.	2001/013113		08-09-2001	Matsunaga	
	8.	6,298,472		10-02-2001	Phillips et al.	
	9.	6,336,208		01-01-2002	Mohan et al.	
	10.	6,473,884		10-29-2002	Ganal et al.	
	11.	6,490,717		12-03-2002	Pedersen et al.	
	12.	6,546,539		04-08-2003	Lu et al.	

Examiner Signature	Date Considered
-----------------------	--------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST:3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST: 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

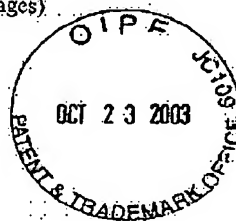
Serial/Patent No. 10/061,459  
Filing Date: 1/31/02  
Atty Docket: SPLX P0091  
Applicant(s): Steven Teig, et al.

Atty/Secty: MA/es  
Date Mailed: 10/20/2003

TITLE: Method and Apparatus for Producing a Circuit Description of a Design

*The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:*

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (1 page)
4. (12) cited references.



Serial/Patent No.: 10/061,459

Atty/Secty: MA/es

Filing Date: 1/31/02

Serial/Patent No.: 10/061,459

Atty/Secty: MA/es

Filing Date: 1/31/02

Date Mailed: 12/1/2003

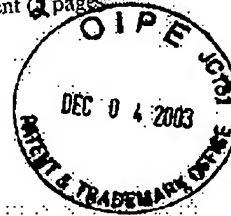
Atty Docket: SPLX.P0091

Applicant(s): Steven Teig, et al.

TITLE: Method and Apparatus for Producing a Circuit Description of a Design

*The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:*

1. Transmittal Form
2. Information Disclosure Statement (1 page)
3. Form PTO-1449 (1 page)
4. (9) cited references





Serial/Patent No.: 10/061,459  
Filing Date: 1/31/02  
Atty Docket: SPLX P0091  
Applicant(s): Steven Teig, et al.

Atty/Secty: GS/ES  
Date Mailed: 4/6/2004

TITLE: Method and Apparatus for Producing a Circuit Description of a Design

*The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:*

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (2 pages)
4. (32) cited references
5. Credit Card Payment Form

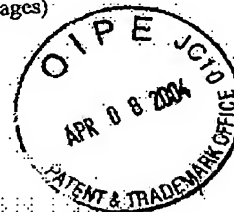
Serial/Patent No.: 10/061,459  
Filing Date: 1/31/02  
Atty Docket: SPLX P0091  
Applicant(s): Steven Teig, et al.

Atty/Secty: GS/ES  
Date Mailed: 4/6/2004

TITLE: Method and Apparatus for Producing a Circuit Description of a Design

*The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:*

1. Transmittal Form
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (2 pages)
4. (32) cited references
5. Credit Card Payment Form



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**